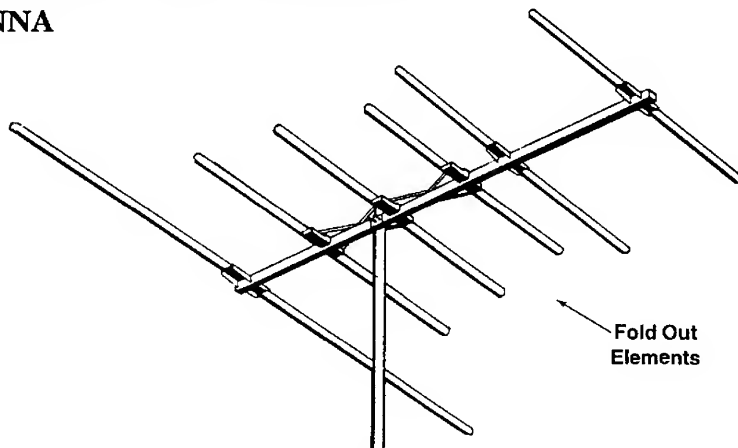


SIX ELEMENT TRIPLE-DRIVE FM ANTENNA



The SIX ELEMENT TRIPLE-DRIVE FM Antenna is specially designed to provide improved performance compared to similar-sized antennas.

BEFORE YOU BEGIN

Before you begin installation, read this manual and the separate Consumer Product Safety Commission information sheet. For your safety and convenience, plan each step of the installation and purchase the necessary hardware in advance. The order in which you perform the steps and the hardware required depends on the mounting and connection methods you choose.

Warning: When you install your antenna, use extreme caution. If the antenna starts to fall, let it go! It could contact overhead power lines. If the antenna touches the power line, contact with the antenna, mast, cable, or guy wires can cause electrocution and death. Call the power company to remove the antenna. DO NOT attempt to remove it yourself.

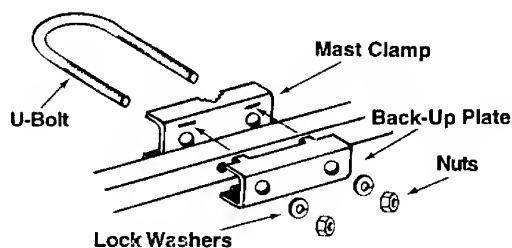
ASSEMBLING THE ANTENNA

We recommend you assemble the entire antenna on the ground, then mount the assembled antenna on the mast. Follow these steps to assemble the antenna.

- 1 Fold out the elements on the antenna by holding them near the boom and pulling them until they snap into place.

Caution: Do not pull out the elements by their ends. If you do, you could damage an element.

- 2 Use the supplied hardware as shown to loosely attach the supplied mast clamp assembly to the antenna boom.



- 3 Press the supplied end plugs into the ends of the antenna boom.

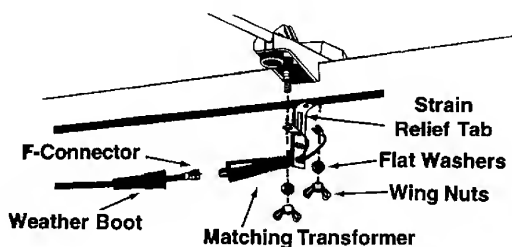
CONNECTING LEAD-IN CABLE TO THE ANTENNA

Follow these steps to connect lead-in cable to the antenna. We recommend RG-6 cable and, if you prepare your own cable, a quality CF-56 F-connector (both available at your local Radio Shack store). You can also use 300-ohm flat, twin-lead cable.

Note: If you prepare your own coaxial cable, slide a matching transformer's weather boot over the end of the cable before you attach the F-connector.

Follow these steps if you use coaxial cable.

- 1** Thread the ends of a matching transformer through the antenna's strain-relief tab. Then use the supplied washers and wing nuts to secure the transformer's leads to the antenna's lead-in terminals.



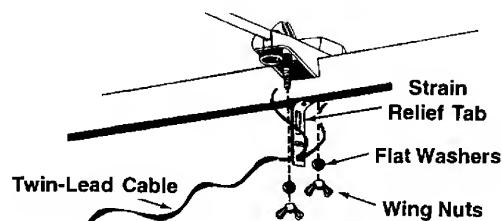
- 2** Screw the cable's connector onto the matching transformer. If you use a prebuilt cable without a weather boot, cover the connection with weatherproof tape. Otherwise, slip the boot over the connection.

Notes:

- ▶ Use plastic tape to secure the cable to the mast at about 3 foot intervals.
- ▶ Use coaxial nail clips every few feet to secure the cable to walls.
- ▶ Use a 75-ohm grounding block to ground the cable where the cable enters the house.
- ▶ Use a wall-through tube to neatly route the cable through walls.

Follow these steps if you use twin-lead cable.

- 1** Split the cable for a length of about 3 inches. Then remove about $\frac{1}{2}$ inch of insulation from the ends of the twin-lead cable.
- 2** Thread the ends of the twin-lead cable through the antenna's strain-relief tab. Then use the supplied washers and wing nuts to secure the twin-leads to the antenna's lead-in terminals.

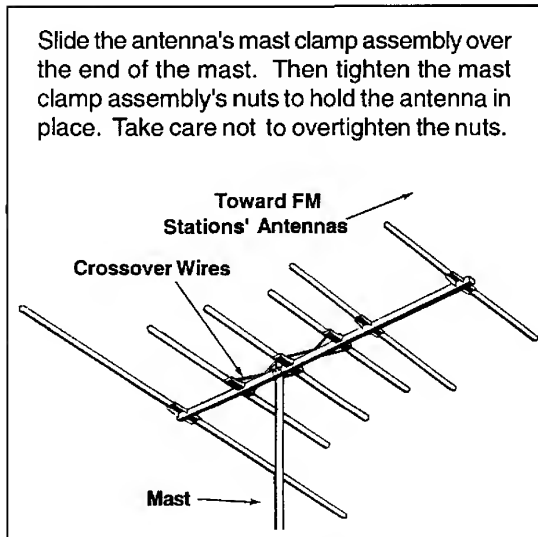


Notes:

- ▶ Allow enough slack between the strain-relief tab and the antenna terminals to prevent stress on the cable or terminals.
- ▶ Be sure the cable remains at least 4 inches away from all metal surfaces.
- ▶ Use standoff insulators about every 4 feet.
- ▶ Twist the cable about three turns between each standoff.
- ▶ Use a 300-ohm static discharge unit to ground the twin-lead cable at the point where wire enters the house.

ATTACHING TO THE MAST

Caution: The crossover wires must not touch the antenna boom, the mast, or each other. If necessary, carefully bend the crossover wires to provide at least 1/2 inch of clearance.



SETTING UP YOUR MAST

How you set up your mast depends on your specific installation. Refer to the separate Consumer Product Safety Commission information sheet for recommended methods. After you set up the mast, rotate it so the antenna's shorter elements point toward the broadcast antennas of the stations you want to receive.

CONNECTING TO YOUR FM RECEIVER

Connect the antenna's lead-in cable to your FM receiver's antenna terminals according to the type of cable you used. A few methods are shown below:

If you have:

- ✓ Coaxial antenna lead-in
- ✓ Twin-lead FM antenna terminals

300 ohm
FM Receiver



Radio Shack
Cat. No. 15-1140

Coaxial Lead-In
From Antenna

If you have:

- ✓ Coaxial antenna lead-in
- ✓ Coaxial FM antenna terminal

75 ohm
FM Receiver



Coaxial Lead-In
From Antenna

If you have:

- ✓ Twin-lead antenna lead-in
- ✓ Twin-lead FM antenna terminals

300 ohm
FM Receiver



Twin-Lead Lead-In
From Antenna

If you have:

- ✓ Twin-lead antenna lead-in
- ✓ Coaxial FM antenna terminal

75 Ohm
FM Receiver



Radio Shack
Cat. No. 15-1253

Twin-Lead Lead-In
From Antenna

RADIO SHACK LIMITED WARRANTY

This product is warranted against defects for 90 days from date of purchase from Radio Shack company-owned stores and authorized Radio Shack franchisees and dealers. Within this period, we will repair it without charge for parts and labor. Simply **bring your Radio Shack sales slip** as proof of purchase date to any Radio Shack store. Warranty does not cover transportation costs. Nor does it cover a product subjected to misuse or accidental damage. EXCEPT AS PROVIDED HEREIN, RADIO SHACK MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Some states do not permit limitation or exclusion of implied warranties; therefore the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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